Minutes for the April 18, 2012, CERES Processing Oversight Board Meeting

Meeting began at 1:00 p.m. in Building 1268C Room 2316.

Meeting Notes
There were no comments or questions on the minutes from the last meeting.

Announcements
The CERES Science Team meeting will be held May 1 – 3, 2012, at the Marriott Hotel – City Center at Oyster Point in Newport News, VA.

Next CPOB meeting will be rescheduled to May 9 due to the STM. The following meeting will be May 16 and then every other week thereafter.

Open Action Items
1. Discuss the ISCCP-D2like-FlxDay/Nit file names with Dave Doelling. (2/16/11 – Jonathan)
2. Provide answers to Raja's questions she emailed recently. (3/16/11 – Jonathan)

FM5 Status
Kam-Pui has approved the conversions. If there's any error in the output data it's due to the data we are receiving. AtLaunch PRs have been provided to the ASDC and they are already being run. Still waiting for March 30 – April 1 data.

SCCR Discussion (SCCRs that have been submitted or updated since the last meeting)
Instrument 890 – BDS Sample Read Package delivery.
SARB 891 – Delivery of 2011 MATCH files.
Perl_Lib 892 – Delta delivery.

There were no issues identified, so these SCCRs will be approved.

Toolkit/GCC Compiler Testing
Nelson has gotten feedback from Instrument and ERBE-like on testing TK18 compiled with current compilers. Denise found that an algorithm in a Toolkit routine has been corrected for a problem that has always existed. The result of the correction is that we get more good data than before.

Denise will document how the subsystems should test each of their PGEs – 1) test TK18 without recompiling, 2) test TK18 recompiling with current version of GCC compilers, and 3) test TK18 after recompiling with new version of GCC compilers. This will be documented in a new software bulletin.

Production output destination for "archive, web" files
QC reports from 1.1P8 changed locations after the upgrade to ANGe 2.0. We would like to request that all files in the old directories (BQCBDS, BQCIES, BQCRP, BQCRPS, BINEL, BINHS, BINMEM) be moved to the CERBQ and CERBIN directories.

Currently all PCF files for 1.1P8, 1.2P1, 1.4P1 and 1.4P2 are copied from production to /SCF2/CERES/QA/PCF/CER1. The PCF files for 1.0P2 should also be written to this directory

Systems
No VPN disconnect on April 16; no problem noted on @LaRC. If folks experience VPN disconnects report it to the Enterprise help desk at esd.nasa.gov (login with AUID/NOMAD password).

When the DPO is repopulated we will lose the current file creation dates. Files created since ANGe 2.0 are fine. Older files will have new creation dates when the files are copied over.

Cathy asked about SD_archive. Betty was reading from there directly because it was slow copying files from there. Doing this caused SD_archive to lock up for weeks, but Betty didn't know she was the cause. Files in SD_archive are NFS mounted from tape. If you need a lot of data from there let the SAs know so they can stage the data to disk.

Status of Open SCCRs
891 – Promoted and closed.
892 – Will be released with Clouds.
809 – Tammy testing now. Two-day tests completed and compared successfully. Aqua 30-day test completed this morning after running for ~45 hours. Terra 30-test should finish this afternoon. A few other PGE to test after these, but the tests don't take long to run. If everything goes well this delivery should be released by Friday.
814 – Wenying hasn't signed off on delivery yet. Optimistic delivery date is tomorrow; pessimistic date is mid next week.
867 – Thomas updated scripts for PGE 3.1P1 yesterday. Scripts tested successfully, but PGE still getting segmentation fault. Nelson needs to work with Date on PGEs 2.1P1 and 2.4P1. Deliver without PGE 3.1P1 if can't resolve problem soon. New target delivery date is May 11.
888 – Raja needs to provide CERESlib updates to Nelson so Cathy can test. Raja is running GGEO for the STM this week and next so development is on hold for now.
877 – Modifying interface. This impacts 1.1P8 also. Deliver after August maintenance when Toolkit and GCC compilers are updated.
878 – 1.1P8 is working. Testing with TK18 now. Deliver after August maintenance when Toolkit and GCC compilers are updated.
890 – This SCCR can be closed.

Additions to the Posted Reports
Toolkit
No updates to status report.

CERESlib
No updates to status report.

Perl_Lib
No updates to status report.

CERES Processing System
Planning to provide screenshots of the Operator's Console to SIT and Operations before the next
Steering Group meeting.

Instrument
No updates to status report.

ERBE-like
No updates to status report.

Clouds
No updates to status report.

Convolution
No updates to status report.

Inversion
No updates to status report.

SARB
No updates to status report.

TISA Gridding & GGEO
No updates to status report.

TISA Averaging
No updates to status report.

Production Processing Database/Automation
Lisa has begun working on the Transition Plan.

CERES Websites
No updates to status report.

CERES Ordering Tool
Resolved Google Earth compatibility problems with IE.

FM5
No updates to status report.

Meeting ended at 2:09 p. m.